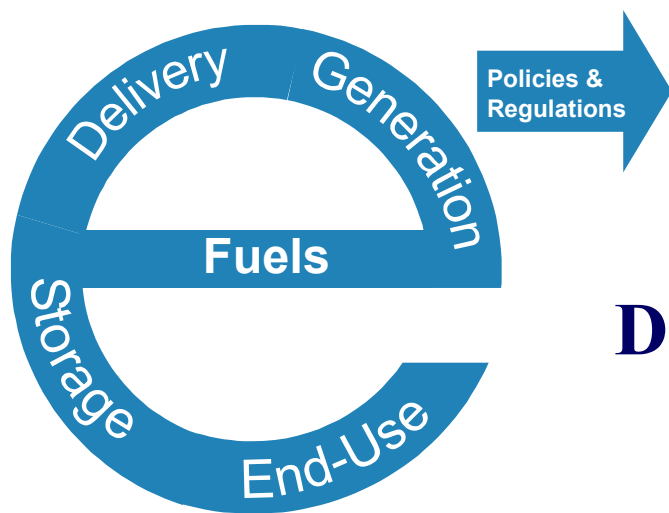




Office of Power Technologies

DER Strategic Program and Peer Review



Dr. Robert K. Dixon
Deputy Assistant Secretary

November 29, 2001





The OPT Portfolio



Fuels

Generation

Delivery

Storage

End-Use

Policies & Regs



BioPower



Superconductivity



Hydrogen



Distributed Energy



Wind



Geothermal



Solar



Hydropower



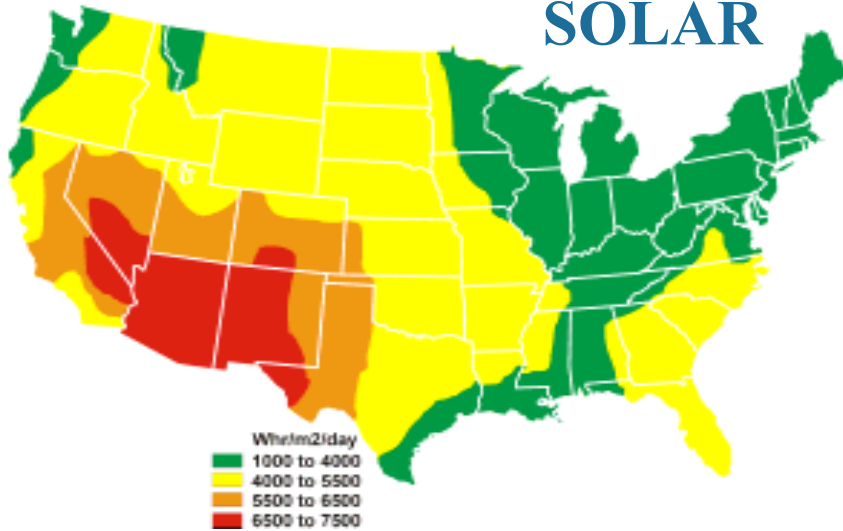
International



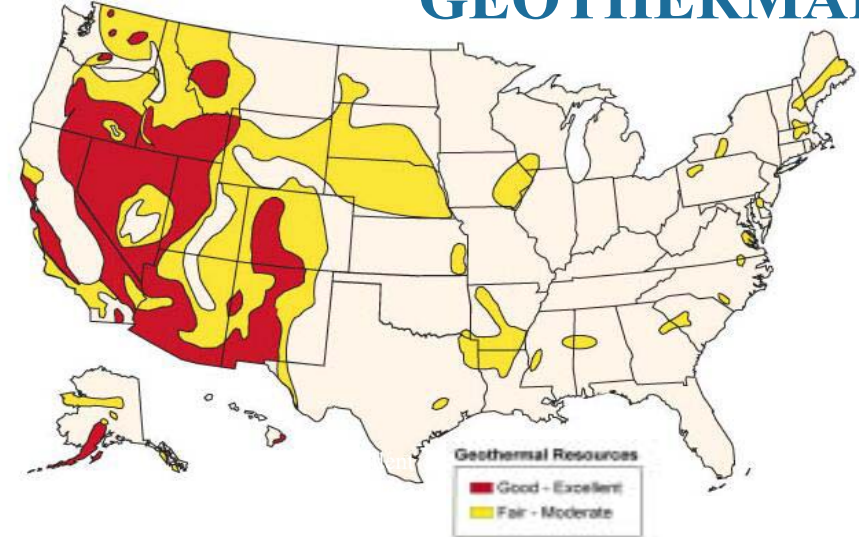
Renewable Resources



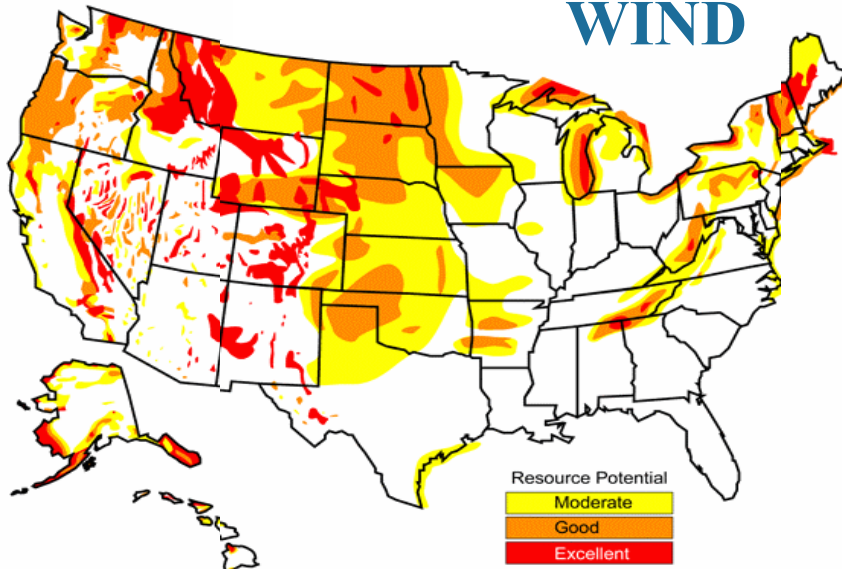
SOLAR



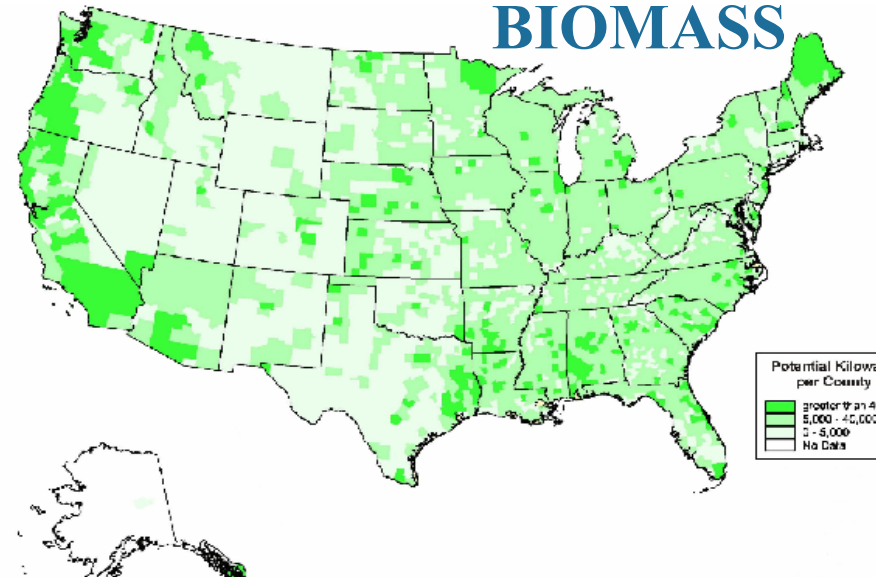
GEO THERMAL



WIND



BIOMASS



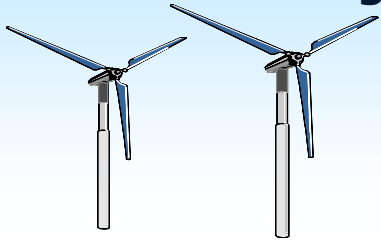


Hydrogen Concept



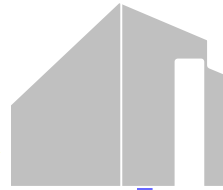
Natural Gas Pipeline

Renewable energy

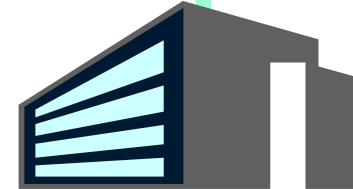


Co-production of
 H_2
(Fleet Refueling)
and Electricity
(Electric Grid)

Reversible Fuel Cell



Fuel Cell

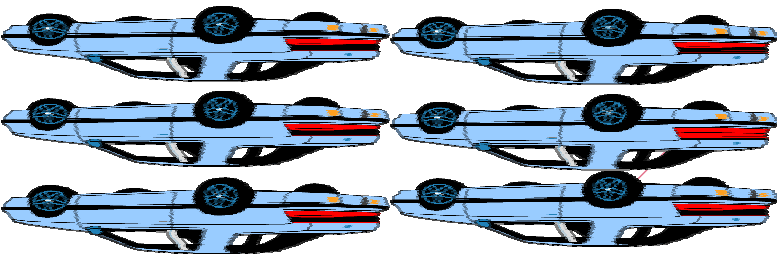


Hydrogen

Electricity



Hydrogen Storage



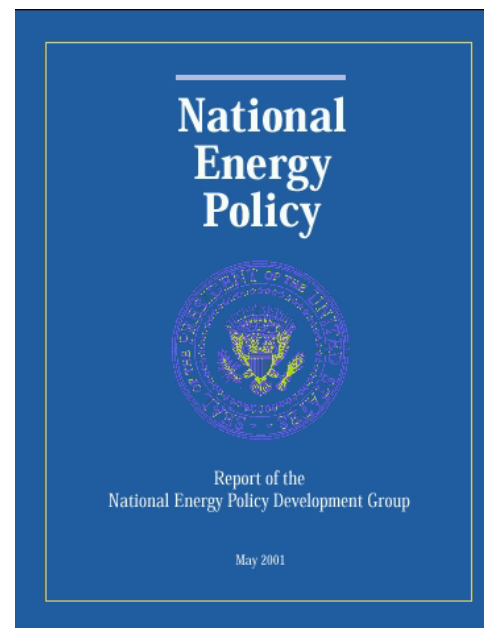


National Energy Policy



Of the 105 total recommendations...

- 21 affect distributed energy
- 17 affect renewable energy
- 13 affect T&D
- 8 affect international activities





Program Reviews



**Striving for
continuous
improvement of
management
practices and
technology
programs**

- **NAPA Report**
- **NRC Report**
- **NAS Report**
- **Peer Reviews**